

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------|--|------------------|---------|---------------------|
| L34 | 864 | (703/13).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/04/12 14:35 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|---------------------|
| S1 | 61275 | (chemical with polish\$4 with process) or cmp | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:28 |
| S2 | 12068 | ((703/13-22) or (716/1-21)).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/02/22 16:46 |
| S3 | 244 | S1 and S2 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/21 14:39 |
| S4 | 42 | S3 and simulat\$5 and (pattern with density) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/21 14:59 |

EAST Search History

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| S5 | 4 | S4 and (first with measur\$6) and (second with measur\$6) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/21 14:45 |
| S6 | 3 | S5 and compar\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/21 14:41 |
| S7 | 24 | S4 and shape | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/21 14:59 |
| S8 | 61371 | (chemical with polish\$4 with process) or cmp | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:28 |

EAST Search History

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| S9 | 12083 | ((703/13-22) or (716/1-21)).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/02/23 09:28 |
| S10 | 4 | S8 and (height with distribut\$5) and S9 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:33 |
| S11 | 7147 | (chemical with polish\$4).ti. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:34 |
| S12 | 18 | (simulat\$4 with chemical with polish\$4).ti. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:35 |

EAST Search History

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| S13 | 2 | S12 and (height with distribut\$4) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:36 |
| S14 | 6 | S12 and (height and distribut\$4) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:12 |
| S15 | 4 | S14 and measur\$5 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:08 |
| S16 | 4 | S14 and measur\$5 and (pattern with density) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:24 |

EAST Search History

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| S17 | 17 | S8 and (height with distribution with (device or module\$2)) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 09:54 |
| S21 | 2463 | (first with measur\$6) and (second with measur\$6) and S8 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:13 |
| S22 | 62 | S21 and (height with distribut\$4) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:14 |
| S23 | 12 | S22 and compar\$4 and (correlation and coefficient) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:14 |

EAST Search History

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| S24 | 3 | S16 and (fit\$4 with (data or parameter)) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:24 |
| S27 | 1 | S24 and maximum and planariz\$4 and semiconductor and filter and adjust\$4 and mesh\$2 and match\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:39 |
| S28 | 3 | S24 and maximum and planariz\$4 and semiconductor and filter and adjust\$4 and match\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:52 |
| S29 | 245 | S8 and S9 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:53 |

EAST Search History

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|-----|------|---|--|----|----|---------------------|
| S30 | 2168 | S8 and (measur\$4 with data) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:54 |
| S31 | 2 | S8 and ((measur\$4 with data) same (height with distribution)) and (correlation with coefficient) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:55 |
| S32 | 4 | S8 and ((measur\$4 with data) and (height with distribution)) and (correlation with coefficient) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:57 |
| S33 | 240 | (pattern with densit\$3) same (dimension\$3 with distribution) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 10:58 |

EAST Search History

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| S34 | 7 | S33 and (fourier with transform) and image and (spatial with filter) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 11:02 |
| S35 | 42 | (reverse with fourier) and (fourier with transform) and image and (spatial with filter) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 11:04 |
| S36 | 2 | S8 and S35 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 11:03 |
| S37 | 100 | S8 and (fourier with transform) and image and (spatial with filter) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/02/23 11:04 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L3 | 18 | (simulat\$4 with chemical with polish\$4).ti. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:01 |
| L4 | 6 | L3 and (height and distribut\$4) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:12 |
| L5 | 4 | L4 and measur\$5 and (pattern with density) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:12 |
| L6 | 4 | L5 and compar\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:35 |

EAST Search History

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|-----|---|--|--|----|----|---------------------|
| L7 | 2 | L5 and (compar\$4 same measur\$5) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:13 |
| L8 | 3 | 6 and dimension | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:37 |
| L9 | 4 | 6 and dimension\$4 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:41 |
| L10 | 4 | 6 and dimension\$4 and (adjust\$4 or mesh\$2) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:46 |

EAST Search History

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|-----|---|--|--|----|----|---------------------|
| L11 | 1 | 6 and dimension\$4 and (adjust\$4 same mesh\$2) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 09:45 |
| L15 | 4 | 10 and (irregular\$5 or correlation or coefficient) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 10:11 |
| L19 | 3 | 15 and (parameter with fit\$4) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 10:12 |
| L20 | 3 | L5 and (fit\$4 with (data or parameter)) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 10:51 |

EAST Search History

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| L23 | 1 | (simulat\$4 with chemical with polish\$4) and (fourier with transform) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:53 |
| L25 | 1 | (simulat\$4 with chemical with polish\$4) and fourier | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:03 |
| L26 | 251 | (simulat\$4 and chemical with polish\$4) and fourier | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:03 |
| L27 | 209 | (simulat\$4 and chemical with polish\$4) and (fourier with transform) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:04 |

EAST Search History

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|-----|----|--|--|----|----|---------------------|
| L28 | 3 | 27 and (reverse with fourier) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:07 |
| L29 | 5 | ("20020078428" "5436097" "5923563" "6093631" "6711732"). PN. OR ("7020866"). URPN. | US-PGPU B; USPAT; USOCR | OR | ON | 2006/04/12 11:05 |
| L30 | 19 | 27 and (image with fourier) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:11 |
| L32 | 6 | 27 and (image with fourier) and (inverse with fourier) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2006/04/12 11:12 |
| L33 | 6 | ("5502654" "6081659" "6171731" "6263299" "6272236" "6496597"). PN. OR ("6831997"). URPN. | US-PGPU B; USPAT; USOCR | OR | ON | 2006/04/12 11:22 |